



INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR2004/000102

A. CLASSIFICATION OF SUBJECT MATTER		
IPC7 C08G 73/10, C07D 251/00, G02F 1/1337		
According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols) IPC7 C08G 73/10, C07D 251/00, G02F 1/1337		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Korean Patents and applications for inventions since 1975		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) STN, PAJ, CA-on CD		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5,756,649 A (Shigeaki Mizushima. Ikoma, Noriko Watanabe et. al) 26 May 1998 see the whole documents	1-11
A	JP 2000-186143 A (SONY CHEM CORP.) 04 July 2000 see the whole documents	1-11
A	JP 2002-80596 A (JSR CORP.) 19 March 2002 see the whole documents	1-11
A	JP 06-136120 A (JAPAN SYNTHETIC RUBBER CO., LTD) 17 May 1994 see the whole documents	1-11
A	US 4,558,117 A (Tsunetomo Nakano; Hiroshi Yasuno et.al) 10 December 1985 see the whole documents	1-11
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
<p>* Special categories of cited documents:</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier application or patent but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p> <p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"&" document member of the same patent family</p>		
Date of the actual completion of the international search 29 APRIL 2004 (29.04.2004)		Date of mailing of the international search report 29 APRIL 2004 (29.04.2004)
Name and mailing address of the ISA/KR  Korean Intellectual Property Office 920 Dunsan-dong, Seo-gu, Daejeon 302-701, Republic of Korea Facsimile No. 82-42-472-7140		Authorized officer LEE, Suk Ju Telephone No. 82-42-481-8149 

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Information on patent family members

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Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5,756,649 A	26 May 1998	EP 683418 A2 EP 686418 B1 JP 8036183 A2 JP 3357502 B2	1995/11/22 2003/07/16 1996/02/06 2002/12/16
JP 2000-186143 A	04 July 2000	US 6355357 BA EP 1014765 A2 EP 1014765 B1	2002/03/12 2000/06/28 2003/03/12
JP 2002-80596 A	19 March 2002	None	
JP 06-136120 A	17 May 1994	None	
US 4,558,117 A	10 December 1985	JP 59220729 A2	1984/12/12